

AGENDA BILL**Beaverton City Council
Beaverton, Oregon****SUBJECT:** Contract Award – Major Storm Pipe
Rehabilitation Project, CIP 8122**FOR AGENDA OF:** 09-01-20 **BILL NO:** 20230**MAYOR'S APPROVAL:** Denny Doyle**DEPARTMENT OF ORIGIN:** Public Works U**DATE SUBMITTED:** 08-12-20**CLEARANCES:** City Attorney MKSMayor's Office ACPurchasing TMFinance POEngineering DW**PROCEEDING:** CONSENT AGENDA
(CONTRACT REVIEW BOARD)**EXHIBITS:** 1. Project Data Sheet
2. Bid Summary
3. Funding Plan**BUDGET IMPACT**

EXPENDITURE	AMOUNT	APPROPRIATION
REQUIRED * \$305,726.00	BUDGETED * \$1,020,000.00	REQUIRED * \$0

* See attached Funding Plan (Exhibit 3).

RECOMMENDED ACTION:

City Council, acting as Contract Review Board, authorizes the Mayor to sign a contract with Insituform Technologies, LLC in the amount of \$305,726.00, in a form approved by the City Attorney, as the lowest responsive bid received for the Major Storm Pipe Rehabilitation Project, CIP 8122.

HISTORICAL PERSPECTIVE:

Much of the storm drainage pipe installed prior to the mid 1990's was constructed with substandard methods (without gaskets to keep out plant roots at pipe joints and without proper pipe bedding) and materials (metal pipe with a short design life in corrosive soils). By using Cured-In-Place Pipe (CIPP), it is possible to rehabilitate failing pipes while minimizing the amount of surface excavation and associated disruptions to residents. Due to the number of storm drainage pipes that need rehabilitation this is an ongoing, reoccurring, multi-year maintenance program.

INFORMATION FOR CONSIDERATION:

The invitation for bid was advertised in the *Daily Journal of Commerce* on Monday, July 13, 2020. Three (3) bids were received and opened on August 4, 2020, at 2:00 p.m. (Exhibit 2). Insituform Technologies, LLC submitted the lowest responsive bid in the amount of \$305,726.00.

The overall bid amount is lower than the Engineer's Estimate and lower than the amount budgeted for this project (Exhibit 3).

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Staff checked the references provided by Insituform Technologies, LLC and finds that Insituform has satisfied the bid requirements to construct public utility improvements in a built-up, urban environment. In 2018, Insituform constructed the CIPP lining on Settler Way Ph. 1 (CIP 4118A) and did excellent work. Insituform has been the prime contractor for many CIPP projects in Oregon, which include projects for the City of Portland (2014 – 2015), the City of West Linn (2017) and the City of Bend (2018 – 2019).

With City Council approval of the contract award, a Notice to Proceed (NTP) would be issued to the Contractor on or about September 28, 2020. The project contract requires substantial completion, which includes all work other than punch-list corrections and final cleanup, within 54 calendar days of the NTP. This means the estimated substantial completion date of the project is November 20, 2020.

City of Beaverton
FY 2020/2021

Project Information

Exhibit 1

Project Number 8122 **Storm**

Project Name Major Storm Pipe Rehabilitation Project

Project Description Major Storm Pipe Rehabilitation Project.
 Use various methods to rehabilitate storm drainage piping such as Cured-in-Place Pipe (CIPP), pipe bursting, or open cut and pipe material replacement. This work will usually be done in conjunction with a water line replacement project and/or a street overlay project.

Project Justification Staff found that much of the storm drain pipe installed prior to the mid 1990's was improperly constructed (without gaskets to keep plant roots out) or was built with materials with a short design life. By using CIPP, it is often possible to salvage failing pipes while minimizing the amount of surface excavation and associated disruptions.

Project Status Continue design and construction for this ongoing, reoccurring, multi-year program. Due to the number of storm drain pipe miles that need rehabilitation, it is anticipated that it will take until FY 2034-2035 to rehabilitate the city's storm drain pipes.

Project Manager Mark Boguslawski, Tristan Wear

Estimated Date of Completion: TBD **First Year Budgeted:** FY 2016/2017

Estimated Project Cost: \$15,000,000 **New Project:** No

Funding Data:

<u>Fund No.</u>	<u>Fund Name</u>	<u>FY</u>	<u>Amount</u>
502-75-3850	SEWER FUND INFRASTRUCTURE PROJECTS MAINT & REPLACEMENT PROGRAM	FY 2020/2021	\$10,000
513-75-3950	STORM DRAIN FUND INFRASTRUCTURE PROJECTS MAINT & REPLACEMENT PROGRAM	FY 2020/2021	\$1,020,000
		FY Total	\$1,030,000

City of Beaverton

BID SUMMARY

Project Name: Major Storm Pipe Rehabilitation Project, CIP 8122; Solicitation #3701-21B

OPENED ON: August 4, 2020 @ 2:00 PM

WITNESSED BY: Terry Muralt

VENDOR NAME CITY, STATE	Bid Form	Bid Certification - Ack. Addenda	Bid Guaranty (Bond or Check)	Tentative Construction Schedule Sheet	Current Project Information Form	DUE BY 4:00 PM				TOTAL BID
						First- Tier Subcontractor Disclosure	GFE Form 1	Bidder Responsibility Form	ODOT Prequalification Letter	
Insituform Technologies LLC – Chesterfield, MO	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$305,726
Michels Corporation – Salem, OR	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$381,465
Iron Horse LLC – Fairview, OR	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$461,400

The Purchasing process has been confirmed.

Signed: 

Finance Department, Purchasing Division

The above amounts have been checked: YES NO

Date: 8/4/2020

Funding Plan					
Major Storm Pipe Rehabilitation Project, CIP 8122					
Fund Number and Name	FY2020-21 Proposed Project Construction Budget	FY2020-21 Program Budget	Project Cost As Bid	Project Shortfall	Engineer's Estimate
513-75-3950-15-682 Maintenance & Replacement Storm System	\$1,000,000.00	\$1,625,000.00	\$286,193.66	N/A	\$601,434.38
502-75-3850-15-682 Maintenance & Replacement Sewer System	\$20,000.00	\$770,000.00	\$19,532.34	N/A	\$14,105.62
Total	\$1,020,000.00	\$2,395,000.00	\$305,726.00		\$615,540.00